

ABSTRACT

5 The present invention provides a method and system for collaborative speech
recognition in a network. The method includes: capturing speech as at least one audio stream
by at least one capturing device; producing a plurality of text streams from the at least one
audio stream by at least one recognition device; and determining a best recognized text stream
from the plurality of text streams. The present invention allows multiple computing devices
connecting to a network, such as a Small Area Network (SAN), to collaborate on a speech
recognition task. The devices are able to share or exchange audio data and determine the best
quality audio. The devices are also able to share text results from the speech recognition task
and the best result from the speech recognition task. This increases the efficiency of the speech
recognition process and the quality of the final text stream.